

A Link Layer Automatic Topology Discovery Algorithm

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ABSTRACT

After analyzing the importance and current status of a link layer topology discovery, it is discussed that the theory, model and principle of topology discovery technology are based on Bridge MIB' AFT. In this paper a general algorithm of a link layer topology discovery based on AFT is presented, its pseudo code along with the detailed description is given out also. At last a conclusion of a link layer topology discovery algorithm is summarized.

Keywords: A link layer topology, switch domain, switch, discovery algorithm